

# Test Verification of Conformity

Verification Number: 180314093GZU-002

On the basis of the tests undertaken, the sample<s> of the below product have been found to comply with the requirements of the referenced specification<s>/standard<s> at the time the tests were carried out. This verification is part of the full test report<s> and should be read in conjunction with it ; This verification replaces previous verification number 160816043GZU-001 dated 27-Oct-2016

Applicant Name & Address:

SHENZHEN GROWATT NEW ENERGY TECHNOLOGY CO., LTD  
1st East & 3rd Floor of Building A, Building B, Jiayu Industrial Park, #28,  
GuangHui Road, LongTeng Community, Shiyan Street, Baoan District,  
Shenzhen, P.R.China

Product Description:

PV Grid inverter

Ratings & Principle  
Characteristics:

See Annex to Test Verification of Conformity

Models:

Growatt 17000TL3-S, Growatt 17000TL3-SE, Growatt 20000TL3-S,  
Growatt 20000TL3-SE, Growatt 25000TL3-S, Growatt 25000TL3-SE,  
Growatt 30000TL3-S, Growatt 30000TL3-SE, Growatt 33000TL3-S,  
Growatt 33000TL3-SE, Growatt 40000TL3-NS, Growatt 40000TL3-NSE,  
Growatt 50000TL3-S, Growatt 50000TL3-SE

Relevant Standards

DIN V VDE V 0126-1-1:2013.08 Automatic disconnecting device

Verification Issuing Office:

Same as Intertek Legal Entity

Date of Tests:

14 Mar., 2018 – 20 May., 2018

Test Report Number(s):

160816043GZU-001 and Revision 1:31 May., 2018

Additional information in Appendix.



Signature

Name: Grady Ye

Position: Manager

Issuing Office: Intertek Legal Entity: Intertek  
Testing Services Shenzhen Ltd.  
Guangzhou Branch

Date: 05 Jun 2018

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## APPENDIX: Test Verification of Conformity

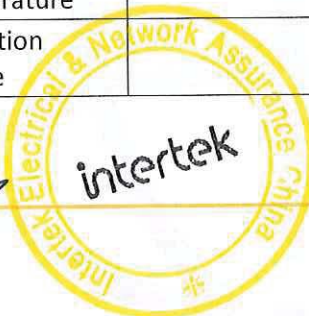
This is an Annex to Test Verification of Conformity with Verification/Report Number(s): 160816043GZU-004 and Revision 1:31 May., 2018. The issuing office is Intertek Legal Entity as above.

Ratings and principal characteristics

MODEL	Growatt 30000TL3-S, Growatt 30000TL3-SE	Growatt 33000TL3-S, Growatt 33000TL3-SE	Growatt 40000TL3-NS, Growatt 40000TL3-NSE	Growatt 50000TL3-S, Growatt 50000TL3-SE
Max PV voltage	1000Vdc			
Voltage range	200-1000Vdc			
MPPT voltage	450-800Vdc		540-800Vdc	645-850Vdc
Max input current	34A/34A	38A/38A		
PV Isc	64A/64A			
Max power	33.3KVA	36.6KVA	44.4KVA	53.3KVA
Max AC output current	3*48A	3*54A	3*64A	3*64A
Output voltage	3W/N/PE 230Vac/400Vac			3W/PE, 480Vac
Nominal Frequency	50Hz			
Power Factor	0.9 Leading to 0.9 Lagging			
Ambient Temperature	-25°C - +60°C			
Protection Degree	IP65			

Signature

*Grady Ye*  
**Name:** Grady Ye  
**Position:** Manager  
**Issuing Office:** Intertek Legal Entity: Intertek Testing Services Shenzhen Ltd. Guangzhou Branch  
**Date:** 05 Jun 2018



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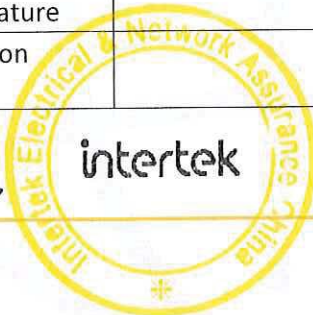
## APPENDIX: Test Verification of Conformity

This is an Annex to Test Verification of Conformity with Verification/Report Number(s): 160816043GZU-001 and Revision 1:31 May., 2018.. The issuing office is Intertek Legal Entity as above.

Ratings and principal characteristics

MODEL	Growatt 17000TL3-S, Growatt 17000TL3-SE	Growatt 20000TL3-S, Growatt 20000TL3-SE	Growatt 25000TL3-S, Growatt 25000TL3-SE
Max PV voltage	1000Vdc		
Voltage range	200-1000Vdc		
MPPT voltage (full load)	400-800Vdc		
Max input current	37.5/37.5A		
PV Isc	45A/45A		
Max power	18.8KVA	22.2KVA	27.7KVA
Output voltage	3W/N/PE 230Vac/400Vac		
Max output current	3×27.5 A	3×32.2	3×40.3
Nominal Frequency	50Hz		
Power Factor	0.9 Leading to 0.9 Lagging		
Ambient Temperature	-25°C - +60°C		
Protection Degree	IP65		

*Grady Ye*



Signature

**Name:** Grady Ye  
**Position:** Manager  
**Issuing Office:** Intertek Legal Entity: Intertek Testing Services Shenzhen Ltd. Guangzhou Branch  
**Date:** 05 Jun 2018

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